

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20050134545"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 14:32
S2	31	(yong near ho near jang)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 14:31
S3	46	binn near1 kim	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 14:33
S4	106	soo near young near yoon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 14:51
S5	12	S2 and S3 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 14:28
S7	113130	(shift near register)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 14:55
S8	226914	(clock near signal\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 14:55
S9	35949	(shift near register) and (clock near signal\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/11 16:02

## EAST Search History

S10	2056	(shift near register) and (clock near signal\$1) and (gate near driv\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/29 14:58
S11	271	(shift near register) and (clock near signal\$1) and (gate near driv\$4)and (first and second near period)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/03 16:14
S12	1663	345/100.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 11:47
S13	271	(shift near register) and (clock near signal\$1) and (gate near driv\$4)and (first and second near period)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/03 15:52
S14	51	S12 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/30 08:59
S15	31	(yong near ho near jang)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/03 15:53
S16	46	binn near1 kim	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/03 15:53
S17	106	soo near young near yoon	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/03 15:53

## EAST Search History

S18	12	S15 and S16 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/03 16:06
S19	28637	(gate adj driv\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/03 16:08
S20	123996	(shift adj register\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 17:38
S21	243	(shift adj3 register) and (clock adj3 signal\$1) and (gate near driv\$4)and (first and second adj2 period)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/03 16:55
S22	1	(shift adj3 register) and (clock adj3 signal\$1) and (gate near driv\$4)and (first and second adj2 half\$1period)and (first adj fourth) and ((high\$1level adj2 voltage\$2) or (low\$1level adj2 voltage\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/03 16:40
S23	1	(shift adj3 register) and (clock adj3 signal\$1) and (first and second adj2 half\$1period)and (first adj fourth) and ((high\$1level adj2 voltage\$2) or (low\$1level adj2 voltage\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 17:13
S24	313	(shift adj3 register) and ((high\$1level adj2 voltage\$2) or (low\$1level adj2 voltage\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/03 16:42
S25	189	(shift adj3 register) and (clock adj3 signal\$1) and (gate near driv\$4)and (first and second adj2 period) and (stage\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 10:01

## EAST Search History

S26	6	(shift adj3 register) and (first and second\$1half adj2 period) and (stage\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 11:03
S27	18	("5317401"   "5337070"   "5477234"   "5489918"   "5784041"   "6137462").PN. OR ("6384806").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/04 10:06
S28	0	(shift adj3 register) and (first and second\$1half adj2 period) and (stage\$1)and (charge and discharge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 11:06
S29	7	(shift\$3 adj3 register\$1) and (first and second\$1half adj2 period\$1) and (stage\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 11:04
S30	2	(shift adj3 register) and (first and second\$1half adj2 period) and (stage\$1)and (charg\$3 and discharg\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 11:08
S31	2	(shift adj3 register) and (first and second\$1half adj2 period) and (charg\$3 and discharg\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 11:08
S32	10967	(shift adj3 register) and (charg\$3 and discharg\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 11:09
S33	1142	(shift adj3 register) and (node adj5 (charg\$3 or discharg\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 11:10

## EAST Search History

S34	1652	(shift adj3 register) and (node near5 (charg\$3 or discharg\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 11:11
S35	317	(shift adj3 register) and (input adj9 node near5 (charg\$3 or discharg\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 11:16
S36	2	(shift adj3 register) and ((input adj9 node near5 (charg\$3 or discharg\$3)) adj9 (start adj1 pulse))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 11:15
S37	0	(shift adj3 register) and ((input adj9 node near5 (charg\$3 or discharg\$3)) adj9 (first and second\$1half adj2 period))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 11:45
S38	0	((input adj9 node near5 (charg\$3 or discharg\$3)) adj9 (first and second\$1half adj2 period))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 11:45
S39	17	(first and second adj2 half\$1period)and (first adj2 fourth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 17:02
S40	18	(shift adj register\$1) and (half\$1period adj3 output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/04 17:42
S41	6	((("6,301,323") or ("5,016,263") or ("6,483,889")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 11:44

## EAST Search History

S42	0	("US-6,300,928US-6,741,229US-5,736,972US-5,912,651US-6,014,126US-6,078,304US-4,924,214US-5,648,794US-5,963,184US-6,295,042US-6,339,631").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 11:44
S43	25	((("6,300,928") or ("6,741,229") or ("5,736,972") or ("5,912,651") or ("6,014,126") or ("6,078,304") or ("4,924,214") or ("5,648,794") or ("5,963,184") or ("6,295,042") or ("6,339,631"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 11:46
S44	8	("5136622"   "5222082"   "5434899"   "6064713").PN. OR ("6339631").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 11:49
S45	49	jae near deok near park	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 14:33
S46	17	("4017741"   "4418418"   "4890308").PN. OR ("5136622").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 16:43
S47	1	(first and second adj2 half\$1period adj2 clock)and (first adj2 fourth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 17:03
S48	12	(first and second adj2 half\$1period adj2 clock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 17:03
S49	26	(shift adj3 register) and ((first or second) adj2 half\$1period)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/05 17:15
S50	272	(shift near register) and (clock near signal\$1) and (gate near driv\$4)and (first and second near period)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/09 11:14

## EAST Search History

S51	16	(shift near register) and (half\$1period adj3 clock adj5 signal\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/09 12:55
S52	1	(shift near register) and (first adj3 half\$1period adj3 clock adj5 signal\$1) and (second adj3 half\$1period adj3 clock adj5 signal\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/09 12:44
S53	1	(shift near register) and (second adj3 half\$1period adj3 clock adj5 signal\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/09 12:44
S54	1153	(shift near register) and (phase\$1 adj3 invert\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/09 12:57
S55	3	(shift near register) and (phase\$1 adj3 invert\$3) and (half\$1period adj5 clock\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/09 13:49
S56	2	("6670944").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/09 16:35
S57	10	("3851187"   "5646642"   "5894296"   "5990857"   "6300927").PN. OR ("6670944").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 13:51
S58	0	("cascadeadj3clock\$1").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 08:38

## EAST Search History

S59	370	cascade adj3 clock\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 08:39
S60	0	(cascade adj3 clock\$1) and (shift adj3 register)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 08:39
S61	94	(cascade adj3 clock\$1) and (shift adj3 register)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 08:59
S62	138	327/241.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 09:20
S63	919	327/231.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 09:20
S64	43	S63 and (shift adj3 register)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 09:30
S65	385	377/64.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 09:30
S66	330	377/64.ccls. and (shift adj3 register)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 09:31



## EAST Search History

S67	961	345/100.ccls. and (shift adj3 register)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 11:47
S68	876	345/100.ccls. and (shift adj3 register)and (lcd or liquid adj crystal adj display)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 13:33
S69	4	((("6,670,943") or ("6,876,352") or ("20040041769.")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 13:55
S70	0	("20040041769. ").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 13:56
S71	4	((("6,670,943") or ("6,876,352")). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/11 16:01
S72	0	("20040041769.pn").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 14:05
S73	0	("20040041769.pn. ").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 14:05
S74	0	(2004/0041769).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 14:05

## EAST Search History

S75	500	345/208.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 17:58
S76	151	345/208.ccls. and (shift adj3 register)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 18:22
S77	67	345/210.ccls. and (shift adj3 register)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/10 18:22
S78	77	half\$1period adj3 delay	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/11 11:58
S79	12	(half\$1period adj3 delay) and (half\$1period adj3 output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/11 12:02
S80	2	(half\$1period adj3 delay) and (half\$1period adj3 output)and (one\$period adj3 output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/11 12:04
S81	102469	bidirect\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/11 16:02
S82	3767	S81 and (shift near register) and (clock near signal\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/11 16:02

## EAST Search History

S83	22	S81 and (shift near register) and (clock near signal\$1) and (half\$period)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/11 16:03
S84	9	("5136622"   "5222082"   "5434899"   "6064713").PN. OR ("6339631").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/11 16:20
S85	2	("20040109526").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/12 11:16
S86	57	second adj2 discharge adj3 node	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/13 14:37
S87	2	(second adj2 discharge adj3 node)and (shift adj3 register)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/13 16:48
S88	204	( discharge adj3 node)and (shift adj3 register)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/13 14:39
S89	17	("3921079"   "5056121"   "5191545"   "5258724"   "5801589"   "5841707"   "6005445"   "6014065"   "6049239"   "6052004"   "6081484"   "6157604"   "6194932"   "6259290"   "6259295"   "6323705"   "6337589").PN. OR ("6900680").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/13 14:51
S90	9	(second adj5 discharge adj3 node)and (shift adj3 register)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/13 16:48

## EAST Search History

S91	2	("20050134545").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/13 17:50
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